



Innovating for low-carbon prosperity and climate resilience



Climate-KIC Entrepreneurship programme 2012

Clear ambition:

- More climate starters
- More starters & SMEs on fast growth trajectory
- Business acceleration for innovations



1. Incubation & Support
2. Business Creation
3. Events & Competitions
4. Pioneers into Practice

Pioneers into Practice: Philosophy



The programme is committed to producing a new generation of specialists, entrepreneurs and policy-makers with high-level skills for the low-carbon transition.

Key aspects of the programme

- **Developing inter-disciplinary and cross-sectoral know-how – involving 4 parts of the innovation pyramid**
- **Learning by doing in addressing societal challenges**
- **To understand innovation in systems of practice and provision and not just single innovations in products or processes**
- **To focus on a mixture of social and technological change – socio-technical innovation**

Pioneers into Practice: Activities



Pioneers:

- undertake two 4-week placements in projects related to the themes of low-carbon living and low-carbon mobility in two different regions;
- participate in two-day intensive workshops to share their placement experiences and develop their thinking on climate-change innovation;
- are mentored by leading European experts on transition thinking and sustainability;
- Have the opportunity to further develop their ideas through venture programme support

Pioneers into Practice: Overview

- A knowledge development programme that allows participants from a mix of backgrounds to move across sectors in a learning-by-doing approach.
- Practitioners from six European regions (RIC) are mentored over the mobility by European experts on transition thinking and systems innovation
- Best practice ideas developed during the PiP programme are eligible for further support to explore the potential for innovation in practice
- Objectives:
 - ✓ producing a new generation of specialists, entrepreneurs and policy-makers with high-level skills for the low carbon transition
 - ✓ Create an innovative and entrepreneurial community
 - ‘transition platforms’



Pioneers into Practice: Experiences and Outlook

- Two pilot editions:
 - 2010: domestic placement and crucibles; more than 50 Pioneers
 - 2011: Innovation festival in Budapest, foreign placement and joint crucible in Brussels; more than 50 Pioneers
- 2012 edition with 153 pioneers!!!
 - Regional placement already finalised
 - Looking forward for Innovation Festival in Bologna on 1-2 October & the international placement

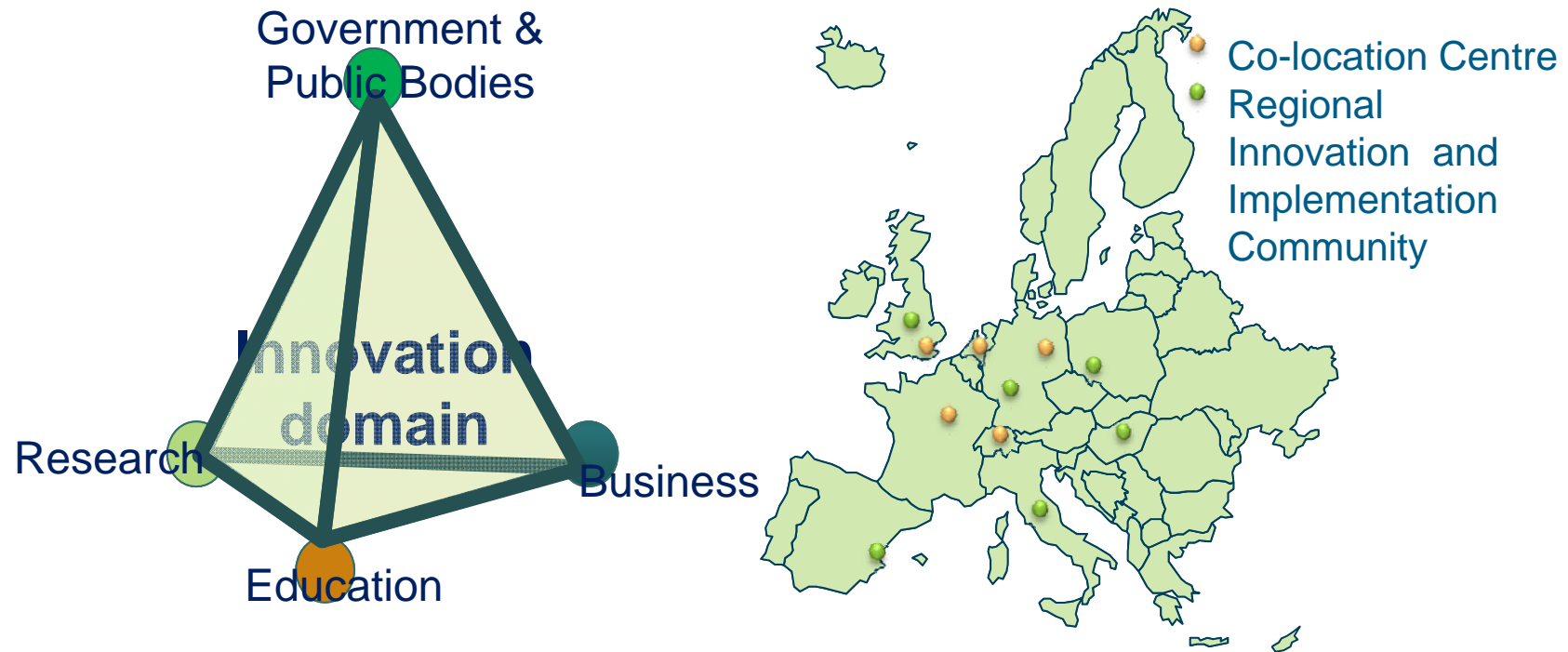


Valencia, October 2010



Brussels, November 2011

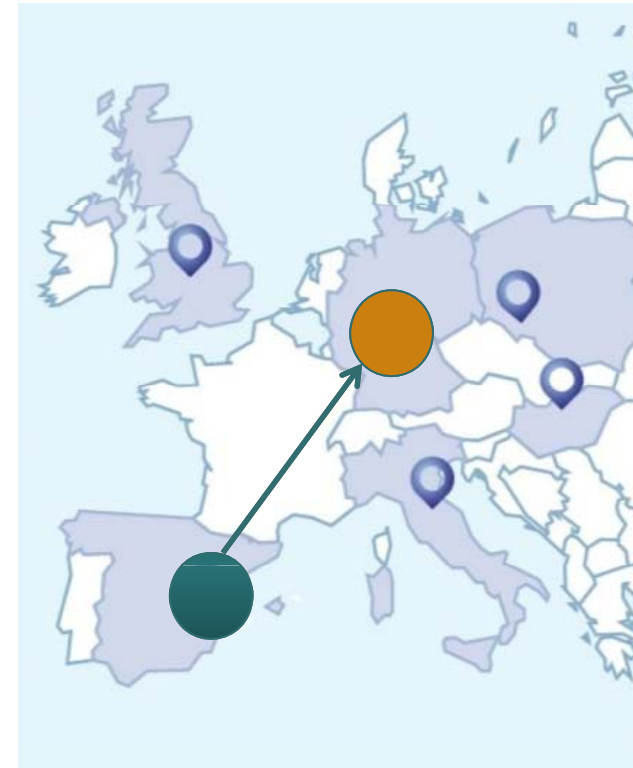
A few examples of PiP experiences across sectors and regions



David Tronchoni

I hold a Bachelor's in Computer Science and a MBA Executive. I have worked for multinationals like Barclays, Accenture, Everis, etc. and created 3 companies since 1997 all of which are active today. Since 2004 I have been involved in the field of improving efficiency and has sold and developed the EDINN product which is installed in companies like Bonduelle, Metaldyne, Trelleborg, Schweppes, and more.

My international placement was at Proবাদis Hochschule in Frankfurt, where I developed 2 business case analyses in cooperation with the University of Proবাদis and the University of Oxford. In addition to this I have met people from the companies Technion and Infracore, with which I have established a relationship with the intention to install a demo of a system to improve energy and production efficiency in one customer of these companies.

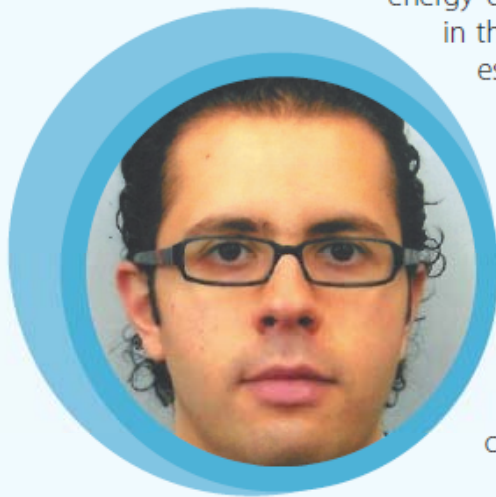


Alaa Khourdajie

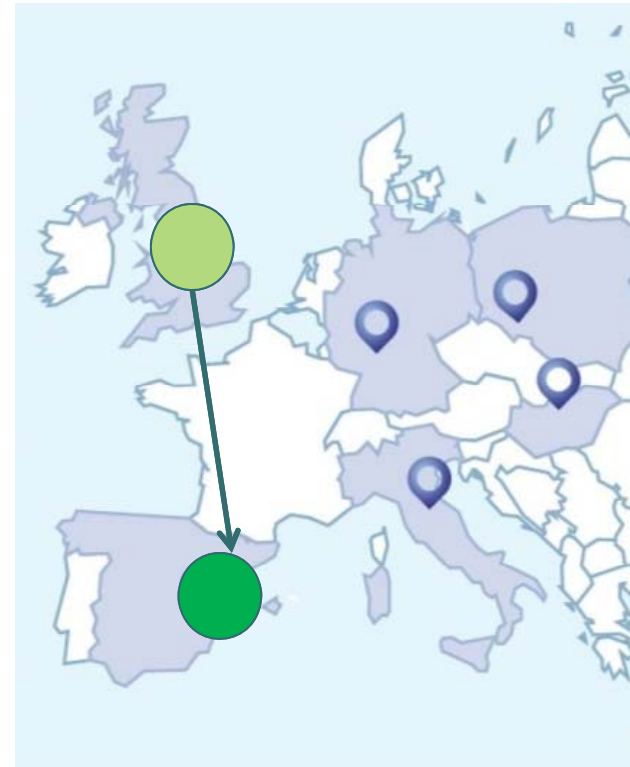
I joined the Pioneers into Practice (PiP) programme after completing my Masters in Environmental and Natural Resources Economics at the University of Birmingham. PiP presented a good opportunity for me to raise my profile in the job market. In my first placement, I conducted research at Birmingham City Council within the Climate Change and Sustainability Team about the methodologies of estimating the employment multiplier of energy efficiency and micro-generation domestic investments.

Prior to the second PiP placement, I volunteered with Global Action Plan to report on the international negotiations in Cancun Climate Summit. I was also appointed as a Research Associate on fixed-term basis at The Climate Group in London under Smart 2020 for Cities programme. I also volunteered with Birmingham Friends of the Earth on research about the sustainable frameworks for the Aviation Policy in the UK.

My second PiP placement was in Spain, where I had the opportunity to update my research about the employment multiplier and developed a toolkit that estimates the green jobs from investments in improving the energy efficient level of the building stock in the Valencian region. The toolkit also estimates the energy savings and emissions reductions associated with such investments.



The experience I gained through the Pioneers into Practice programme has surely supported me in building my career as an informed researcher who is willing to take part in addressing the climate and energy challenges.

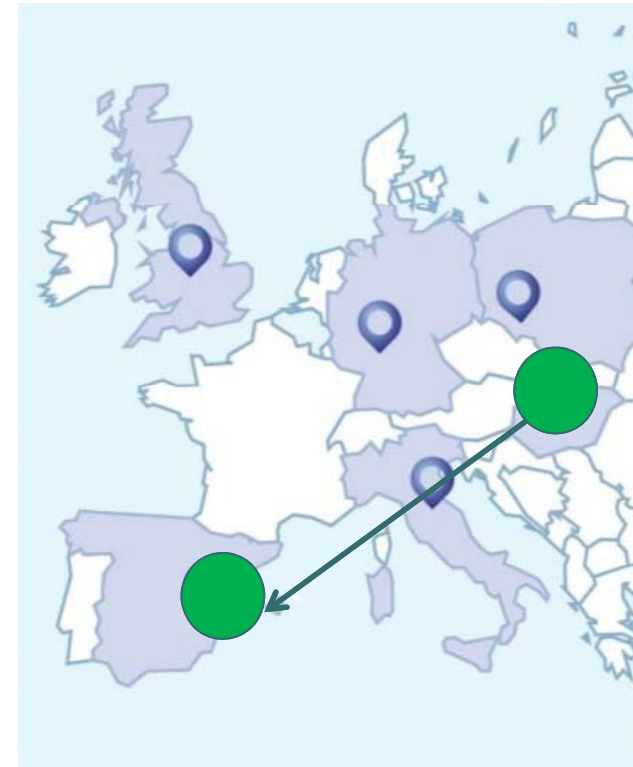


László Zentkó

I studied Economics and Sociology at Budapest University and went on to work for a government agency dedicated for investment promotion and was responsible for National Energy Strategy at Ministry of National Development. I am currently involved in municipal energy efficiency.



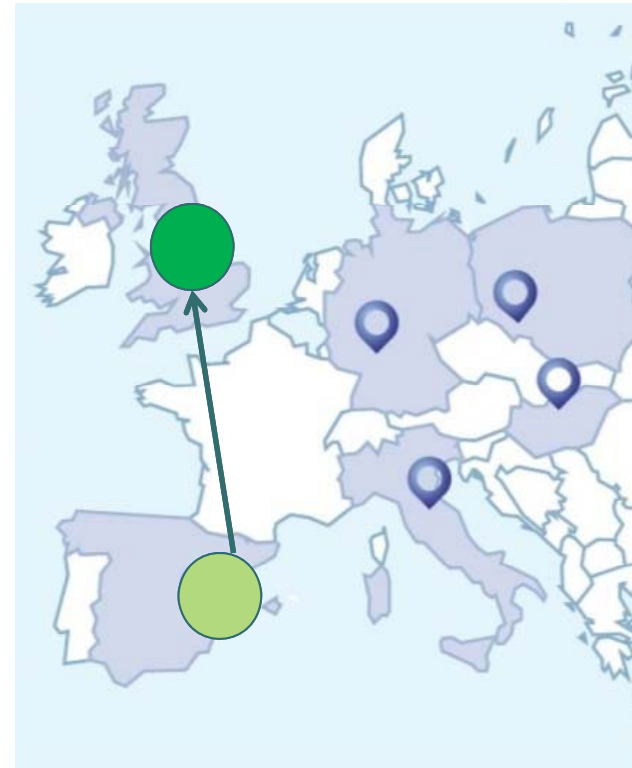
During my placement at Castellón City Council I have worked on the energy strategy of the city and finalized the Castellón's proposal for Pioneer Cities project. Since Castellón is signatory for Covenant of Mayor initiative I had the opportunity to analyze the city's Sustainable Energy Action Plan and see how is a dedicated city dealing with sustainability. I also had a chance to gather information on intelligent use of ceramics such as the Ventillated Facades - a state of the art technology to improve energy efficiency for buildings.



Sixto Santonja-Hernandez

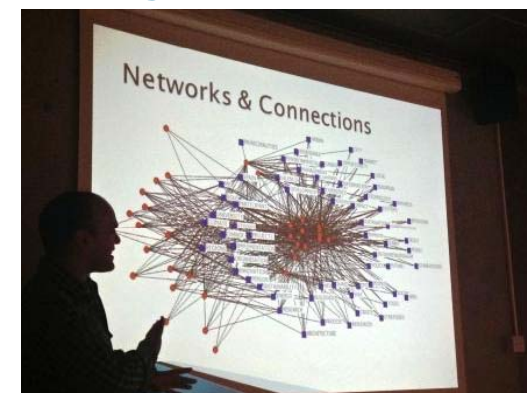
I am working as a Project Manager for the Instituto Tecnológico de la Energía in Valencia, Spain. We are involved in several European projects on the Energy, Electromobility and other related fields with the Low Carbon initiatives.

My placement was with the Birmingham City Council in West Midlands, where I had the opportunity to see in which areas they are working on Low Carbon initiatives. I have found a very active Administration with several interesting projects on this field. Also I have contacted with others partners in the West Midlands with an active profile about these activities, Universities, Companies and other administration involved in it.



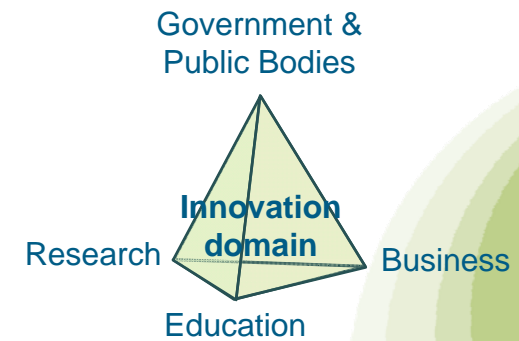
Next challenges for PiP

- To showcase the impact that the pioneers are having in their regional innovation ecosystems.
- To provide assistance to outstanding PiP business ideas and projects through the RIC Venture Support Programme and the broader package of incubation support provided by Climate-KIC.
- Using the second half of 2012 to pilot the involvement of CLCs, both with pioneers and placements.
- To achieve an effective integration with the upcoming platforms, which will deliver the Climate-KIC strategy over the next years.
- And to try and provide outreach to a wider group of regions and countries throughout Europe.





..Connect, create, transform..



Gracias